

United States of America
Department of Transportation—Federal Aviation Administration
Supplemental Type Certificate

STC
Book

Number SA588NW

This certificate, issued to TYRELL EDLING

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 4a of the Civil Air Regulations.

Original Product—Type Certificate Number: A691
Make: Piper
Model: PA-11

Description of Type Design Change: Installation of a Continental O-200A engine in accordance with Tyrell Edling photographs 1 through 3.

Limitations and Conditions: Data pertaining to this modification are considered inadequate for duplication in other aircraft. This approval is limited to the installation in Piper PA-11, S/N 11-244 only. A copy of this certificate and Addendum No. SA588NW shall be maintained as part of the permanent records for the modified aircraft.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: March 3, 1978

Date received:

Date of issuance: May 17, 1978

Date amended:



By direction of the Administrator
Charles C. Schroeder
(Signature)

Chief, Engineering and Manufacturing Branch
(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

This certificate may be transferred in accordance with FAR 21.47.

United States of America
Department of Transportation—Federal Aviation Administration
Supplemental Type Certificate
(Continuation Sheet)

MAY 17 1978

Number SA588NW

SUPPLEMENTAL TYPE CERTIFICATE HOLDER: Tyrell Edling

SUPPLEMENTAL TYPE CERTIFICATE ADDENDUM NO. SA588NW

The conditions and limitations of Type Certificate Data Sheet Number A691 apply except where superseded by the following:

This Supplemental Type Certificate Data Sheet, which is part of STC SA588NW prescribes the conditions and limitations under which the product for which the STC was issued meets the airworthiness requirements of the Federal Aviation Regulations:

PIPER PA-11 (LANDPLANE-NORMAL CATEGORY) AS MODIFIED BY STC SA588NW

Engine: Continental O-200A engine

Fuel: 80/87 minimum grade aviation gasoline

Engine Limits: 100 hp at 2750 rpm

Propeller: McCauley 1A101/DCM 6948

Propeller Limits: 2750 rpm; Max. Dia 69 inches;
Min. Dia 67 inches

Serial Number Eligible: 11-244

Airspeed Limits: Same as specified in data sheet A691

C. G. Limits: Same as specified in data sheet A691

Maximum Weight: Same as specified in data sheet A691

Powerplant Instrument

Markings: Same as specified in engine data sheet E-252-26
(Place a red radial line on the tachometer at
2750 rpm)

Placards: Same as specified in data sheet A691

- END -

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.